

Appl. No. 09/829,059
Amdt. Dated January 19, 2005
Reply to Office action of October 21, 2004
Attorney Docket No. P14682-US1
EUS/J/P/05-3009

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 6. (Canceled)

7. (Currently Amended) A method of using a first node ~~including a~~ memory to manage a plurality of calls maintained by a second node, comprising the steps of:

connecting a first call selected from the plurality of calls to provide a first call through-connection at the second node;

receiving a message at the first node announcing the first call through-connection at the second node; and

recording a first record associated with ~~[[of]]~~ the first call the record associated with the first call including an indication of the first call through-connection at the second node in a the memory of the first node;

detecting a second call selected from the plurality of calls during a second setup phase;

recording a record associated with the second call in the memory without an indication of a second call through-connection;

receiving a message at the first node announcing a restart operation within the second node;

examining the record associated with the first call and the record associated with the second call;

determining that the record associated with the second call does not include the indication of the second call through-connection; and

releasing the second call.

8. (Canceled)

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9. (Currently Amended) The method of claim 7, further including the step of: searching the memory for the ~~first~~ record ~~[[of]]~~ associated with the first call.

10. (Original) The method of claim 7, wherein the second node includes a plurality of resources, and wherein at least one resource selected from the plurality of resources is dedicated to the first call, further including the steps of:

receiving a message at the first node announcing a single call outage for the first call; and

releasing the at least one resource.

11. (Original) The method of claim 10, wherein the at least one resource is a software program module resource.

12. (Original) The method of claim 10, wherein the message announcing the single call outage is a NOTIFY message.

13. (Canceled)

14. (Original) The method of claim 11, wherein the message announcing the restart operation is a SERVICE CHANGE message.

15. (Original) The method of claim 11, wherein the restart operation is initiated due to detecting a fault within the second node during a setup phase of an undetermined at least one of the plurality of calls.

16. (Original) The method of claim 7, wherein the first node is a media gateway controller and the second node is a media gateway.

17. (Original) The method of claim 7, wherein the message announcing the first call through-connection is a NOTIFY message.

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18. (Currently amended) The method of claim 7, wherein the indication of the first call through-connection in the ~~first record~~ associated with the first call ~~of the first call~~ is a set flag.

19. (New) A first node in a network adapted for managing a plurality of calls comprising:

a memory for storing a call record associated with a first call wherein the call record associated with a first call includes an indication of a through-connection of the first call at a second node;

detection means for detecting a second call selected from the plurality of calls during a second setup phase;

the memory having means for storing a call record associated with the second call without an indication of a second call through-connection;

means for receiving a message at the first node announcing a restart operation within the second node;

means for examining the record associated with the first call and the record associated with the second call;

means for determining that the record associated with the second call does not include the indication of the second call through-connection; and

means for releasing the second call.

20. (New) The first node of claim 19, wherein the second node comprises means for making the through-connection for the first call in electronic communication with the first node.

21. (New) The first node of claim 19, further including means for searching the memory for the record associated with the first call.

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22. (New) The first node of claim 19, wherein the second node includes a plurality of resources and at least one resource selected from the plurality of resources is dedicated to the first call, and the first node further comprises:

means for receiving a message announcing a single call outage for the first call;
and

means for releasing the at least one resource.

23. (New) The first node of claim 22, wherein the at least one resource is a software program module resource.

24. (New) The first node of claim 22, wherein the message announcing the single call outage is a NOTIFY message.

25. (New) The first node of claim 22, wherein the message announcing the restart operation is a SERVICE CHANGE message.

26. (New) The first node of claim 21, wherein the restart operation is initiated due to detecting a fault within the second node during a setup phase of at least one of the plurality of calls.

27. (New) The method of claim 19, wherein the first node is a media gateway controller and the second node is a media gateway.

28. (New) The method of claim 19, wherein the message announcing the first call through-connection is a NOTIFY message.

29. (New) The method of claim 19, wherein the indication of the first call through-connection in the record associated with the first call is a set flag.

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30. (New) A method for managing calls in a first node, comprising the steps of:

receiving at the first node an indication of a faulty condition associated with at least one call handled by a second node;

responsive to a receipt of the indication, examining call records stored in a memory of the first node to determine which calls have been recorded having no indication of a through-connection; and

releasing calls determined to have been recorded with no indication of a through-connection.